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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/346,930	07/02/1999	MICHAEL LAMBRIGTS	Q054844	3058

7590

06/10/2002

SUGHRUE MION ZINN MACPEAK AND SEAS
2100 PENNSYLVANIA AVENUE NW
WASHINGTON, DC 200373202

EXAMINER

TIEU, BENNY QUOC

ART UNIT

PAPER NUMBER

2642

DATE MAILED: 06/10/2002

8

Please find below and/or attached an Office communication concerning this application or proceeding.

Handwritten mark

Office Action Summary

Application No.

09/346,930

Applicant(s)

LAMBRIGTS ET AL.

Examiner

Benny Q. Tieu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 July 1999.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5, 14 and 24-29 is/are rejected.
- 7) ☒ Claim(s) 6-13 and 15-23 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 7.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Objections

1. Claims 1 and 26 are objected to because of the following informalities: "CTI" should be changed to --Computer Telephony Integration (CTI)--. Appropriate correction is required.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 27 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The limitation "as mentioned" is indefinite.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

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The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

5. Claims 1-5, 14, and 24-29 are rejected under 35 U.S.C. 102(e) as being anticipated by Lindeberg et al. (U.S. Patent No. 6,094,479).

Regarding claim 1, Lindeberg teaches an interface means (Fig. 1, CTI gateway 211) between a network switch (SSP) and a CTI server means (Fig. 1, 250) wherein said CTI gateway 211 is adapted to communicate between a service switching function device (Fig. 1, 242 or 246) having a service switching functionality and included within said network switch (SSP) and said CTI server means 250.

Regarding claim 2, Lindeberg further teaches the interface means (CTI gateway 211) includes a CTI call handling device (Fig. 1, ACD 212) adapted to receive from said CTI server means 250 a CTI call handling message and to perform on a call associated with said CTI call handling message at least one CTI call service scenario (column 10, lines 35-60).

Regarding claims 3-5 and 14, see description of Fig. 2.

Regarding claim 26, Lindeberg teaches an apparatus (Fig. 1, 100) for providing a service to at least one customer (Fig. 1, 260 or 270), said apparatus including a network switch (SSP) which is coupled to a computer including a CTI server means (Fig. 1, 250), said CTI server means 250 being coupled via an application programming interface to an executable means, said

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executable means being adapted to execute said service wherein said apparatus 100 further includes interface means (Fig. 1, CTI gateway 211) coupled between said network switch (SSP) and said CTI server means (250), said interface means 211 being adapted to communicate between a service switching function device (Fig. 1, 242 or 246) having a service switching functionality (SSF) and included within said network switch (SSP), and said CTI server means (250).

Regarding claim 28, Lindeberg further teaches the apparatus includes at least one other service switching function device having a service switching functionality and being coupled to said interface means (Fig. 1 has more than one SSF).

Regarding claim 29, Lindeberg further teaches the apparatus includes at least one other CTI server means coupled to said interface means (it is inherent that there is more than one CTI server means).

Allowable Subject Matter

6. Claims 6-13 and 15-23 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

7. Any response to this action should be mailed to:

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OR Hand-delivered responses should be brought to:

Crystal Park II, Sixth Floor (Receptionist)

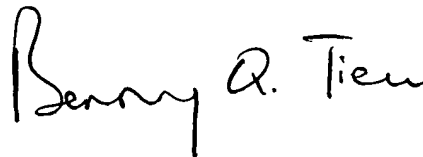
2121 Crystal Drive

Arlington, VA 22202.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benny Q. Tieu whose telephone number is (703) 305-2360. The examiner can normally be reached on Monday-Friday: 6:30AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (703) 305-4731. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.



Benny Q. Tieu
Examiner
Art Unit 2642

BQT
June 2, 2002